

K. L. E. SOCIETY'S




**SHRI SHIVAYOGI MURAGHENDRA SWAMIJI
ARTS, SCIENCE & COMMERCE COLLEGE,
ATHANI – 591304, KARNATAKA STATE**



Accredited at "A" level by NAAC with CGPA – 3.09

Affiliated to Rani Channamma University, Belagavi, Karnataka, India

Website: www.klessmscollege.edu.in

 (08289) 295300

E-mail: ssmsatn@gmail.com

WELCOMES

DEPARTMENT OF BOTANY



HISTORY OF THE DEPARTMENT

PARTICULARS	EVENT/SYSTEM	YEAR
Establishment	1 st affiliation - KUD	
	Combination-Chemistry, Botany & Zoology. System - Major- Minor	June, 1970
	CBZ - Three Subject of Equal Importance	1991-92
	Semester System	2005-06
	RCU Bifurcated from KUD	2010-11
	CBCS Pattern Introduced to B.Sc Course	2020-21
	National Education Policy-2020	2021-22
	Certificate Course	2016-21

INFRASTRUCTURE



MUSEUM

LABORATORY





Uniqueness of our Department

Medicinal Garden (2015) With Panchavati Vana & Navagraha Vana (2017).

We have a Rare and Endangered Gymnosperm plant species *Zamia furfuracea* in our Medicinal garden.

Generated QR Codes for medicinal plants.

Ethical and spiritual values of plants.

MEDICINAL GARDEN



- Medicinal Garden was established in the year **2015**
- It has collection of more than **30 Medicinal** plants.
- It has Valuable Medicinal Plants like *Tinospora cardifolia*,
Centella asiatica, *Rauwolfia tetraphylla*, *Justicia adhatoda*,
Chamaecostus cuspidatus etc...
- It also has **Panchavati Vana**.

VIEW OF PANCHAVATI VANA

1. *Ficus bengalensis*
2. *Ficus religiosa*
3. *Ficus glomerata*
4. *Aegle marmelos*
5. *Emblica officinalis*

VIEW OF NAVAGRAHA VANA

1. *Calotropis gigantea* (Surya)
2. *Butea monosperma* (Chandra)
3. *Acacia catechu* (Mangal)
4. *Achyranthus aspera* (Budha)
5. *Ficus religiosa* (Guru)
6. *Ficus racemosa* (Shukra)
7. *Prosopis cenneraria* (Shani)
8. *Cynodon dactylon* (Rahu)
9. *Imperata cylindrica* (Kethu)



A RARE PLANT



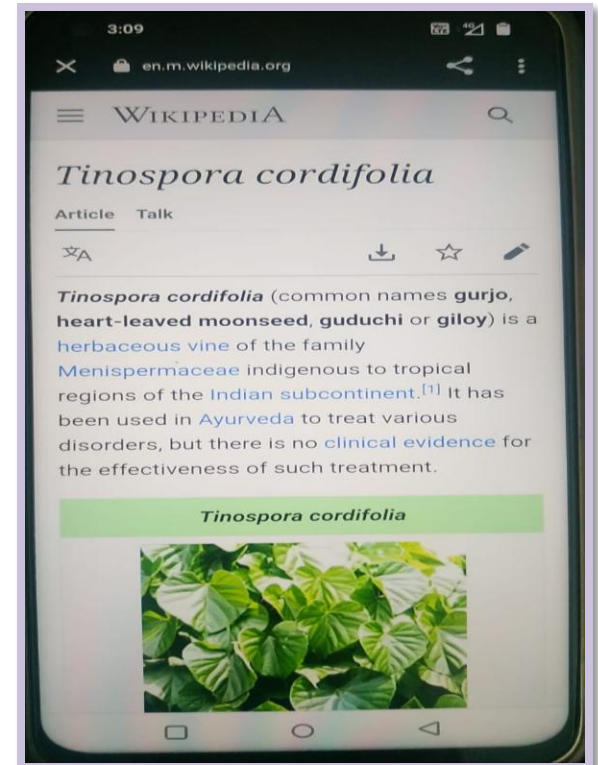
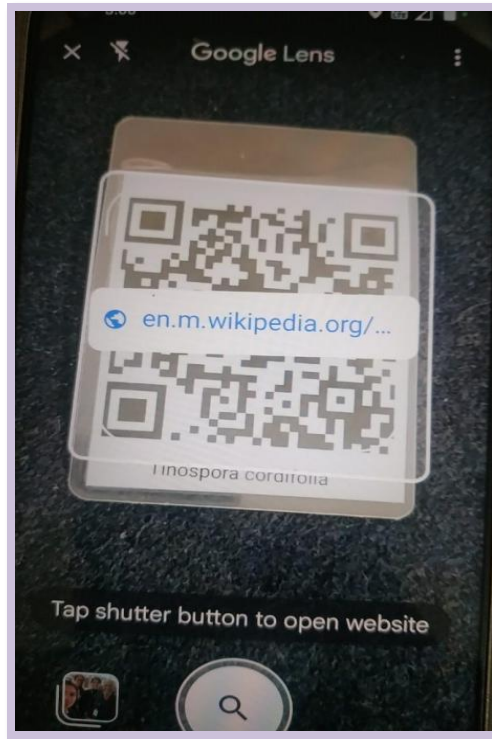
Zamia furfuracea

- It is a cycad endemic to southeastern Mexico of North America.
- Plant belongs to the Family: Zamiaceae Order Cycadales of Gymnosperm.
- IUCN Named it as an Endangered plant.

QR Code

Scanning with
Google Lens app

Search Result



DEPARTMENT ACTION PLANS

Curriculum Planning

Student Centric Activities

Departmental Meeting

Projects

Calendar of events

Student Seminars

Time table & Workload

Group Discussion

Teaching plan

Tours and Visits

Teacher's Diary

Assignments

Student Attendance Register

Guest Lecture

Certificate course

Remedial Classes

Bridge Course

Mentor Mentee System

Certificate Courses introduced

Programme / Course	Title of the Programme / Course	Year of introduction
B. Sc(Botany)	Botany	2021-22
Certificate Courses	05	2021-22 To 2024-25

Students Strength(B.Sc)

Year	No. of Students Admitted		
	Total	Male	Female
2021-22	109	32	77
2022-23	96	26	70
2023-24	75	32	55
2024-25	95	39	56

REMEDIAL CLASSES FOR SLOW LEARNERS

Strategies of Remedial classes .

Department conduct the Special classes for slow learner and their progression is noted regularly by conducting tests.

Provide the prepared notes.

Discuss the model answers with them.

Practicing the diagrams.

Provide individual attention by
repeation of content.

Provide the important questions.

Maintain mentor-mentee system for
individual care of particular students.

Outcomes

Results are improved

Writing and drawing skills are improved



ENRICHMENT PROGRAMME FOR ADVANCED LEARNERS

Providing Reference books.

Providing Question bank.

Conducting Group Discussion.

Seminars and Project Works given to ensure their active participation.

Encouragement for participation and presentation of papers in National and International level seminars.

Encouragement to participate in Quiz competitions.

Outcomes

Distinctions increased semester to semester.



Guest Lectures From 2021-22

Sl. No.	Name of the Visitors	University/Institute/NGO	Occasion	Beneficiaries
1	Shri. Prashant Gourani	Range Forest Officer Athani Division	World Ozone Day	102
2	Dr. C. G. Patil	Professor of Botany, Karnataka Science College, Dharwad	Guest Lecture on “Recent Trends in Biotechnology”	107
3	Prof. V. S. Kavalapur	Professor of Botany, Gokak College	Guest Lecture on “Medicinal Plants & its Significance”	123
4	Dr. Prakash Kumatalli	Dentition, Athani.	World Cancer Day	130
5	Dr. Sanjeev Kumar Bhushetti	President KRVP Dharwad	National Science Day	141
6	Dr.Sidanand.V.Kambar	GFGC Raibag	Nomenclature	67
7	Dr.Veenitkumar. Patil	Akkamahadevi Women’s University, Vijaypur	Application of Digital Tools in Environmental Science	46

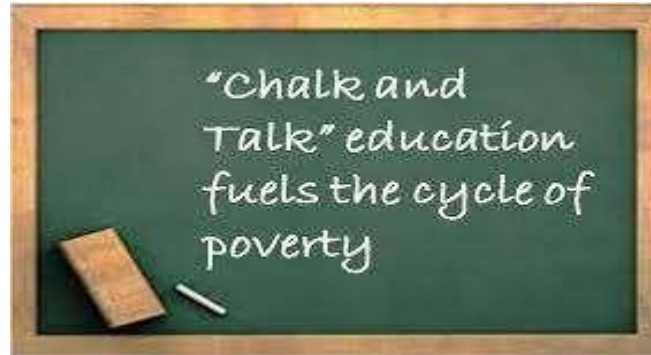
FACULTY PROFILE

Sl. No.	Name	Qualification	Designation	Experience
1	Prof. Dheerendra.V	M.Sc	Assistant Professor	30 Years
2	Smt. S.K.Sajjan	M.Sc., B.Ed.,M.Phil	Assistant Professor	25Years
3	Miss. S.S.Gundakalli	M.Sc. B.Ed.	Assistant Professor	10 Years
4	Shri. I.G.Arer	M.Sc. KSET	Assistant Professor	10 Months

Teaching methodology adopted by the department

➤ **Traditional:**

- Chalk and Talk
- Case studies
- Seminars



➤ **Modern:**

- ICT.
- PowerPoint Presentations.
- Conduction of Extension Activity.
- Online platform (Zoom, Google Meet, etc)



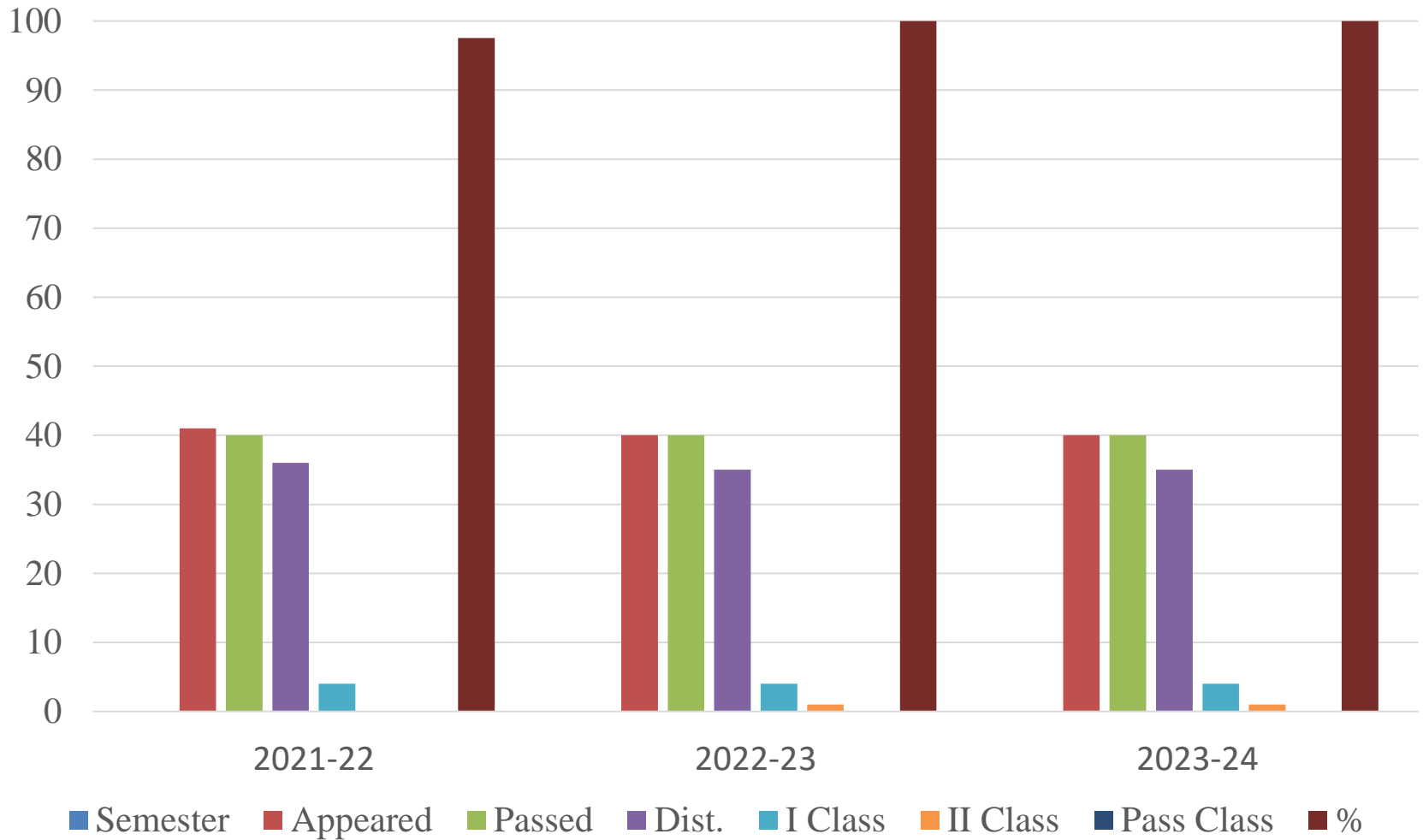
COURSE OUTCOME

- Gain laboratory skills such as microscopy, microbial cultures, staining, identification and preservation techniques.
- The sensory characters and morphology of the vegetation and the role of plants in the functioning of global ecosystem is the significant aspects to study Botany in B.Sc course.
- Understanding of various interactions that exist among plants and Nature: to develop the curiosity on the dynamicity of nature.
- Skill development for the proper description using botanical terms, identification, naming and classification of life forms.
- Making aware of the scientific and technological advancements- Information and Communication, Biotechnology and Molecular Biology for further learning and research in all the fields of Natural Science.

Pass percentage of the Programme

Semester	Appeared	Passed	Dist.	I Class	II Class	Pass Class	%
2021-22							
B.Sc VI	41	40	36	04	-	-	97.56
2022-23							
B.Sc VI	40	40	35	04	01	-	100
2023-24							
B.Sc VI	40	40	35	04	01	-	100

Year wise Result Analysis



Departmental Activities

Sl. No.	Name of the Activities
1	Green Art Competition
2	Vegetable & Fruit carving Competition
3	Bio-quiz Competition
4	Guest Lecture
5	Extension activity
6	Field Visit
7	Study Tour
8	Outreach Programme
9	Poster Presentation
10	Greeting card Competition

Extension Activity of the Department

Sl. No	Venue	Event	Date	Participants	Beneficiaries
1	GBG High School Ghatanatti	Basic Concepts of Science	06.12.2024	20	69



Unnamed Road, Ghatanatti, Karnataka 591304, India

Latitude
16.665130220353603°

Longitude
75.09541838429868°

Local 12:23:42 PM
GMT 06:53:42 AM

Altitude 567 meters
Friday, 06.12.2024

Note : KLE'S SSMS COLLEGE ATHANI



1, Jamkhandi - Athani Rd, Athani, Karnataka 591304, India

Latitude
16.666307°

Longitude
75.0842931°

Local 12:37:24 PM
GMT 07:07:24 AM

Altitude 578 meters
Friday, 06.12.2024

Note : KLE'S SSMS COLLEGE ATHANI

FUTURE PLAN

➤ **Cultivation of medicinal plants through plant breeding methods**

➤ **To establish Raashi Vana.**

➤ **To organize International conference**

➤ **To conduct Workshop on Bonsai technique.**



Study Tour to Khanapur Forest



Bio-quiz Competition



Green Art & Fruit Carving Competition



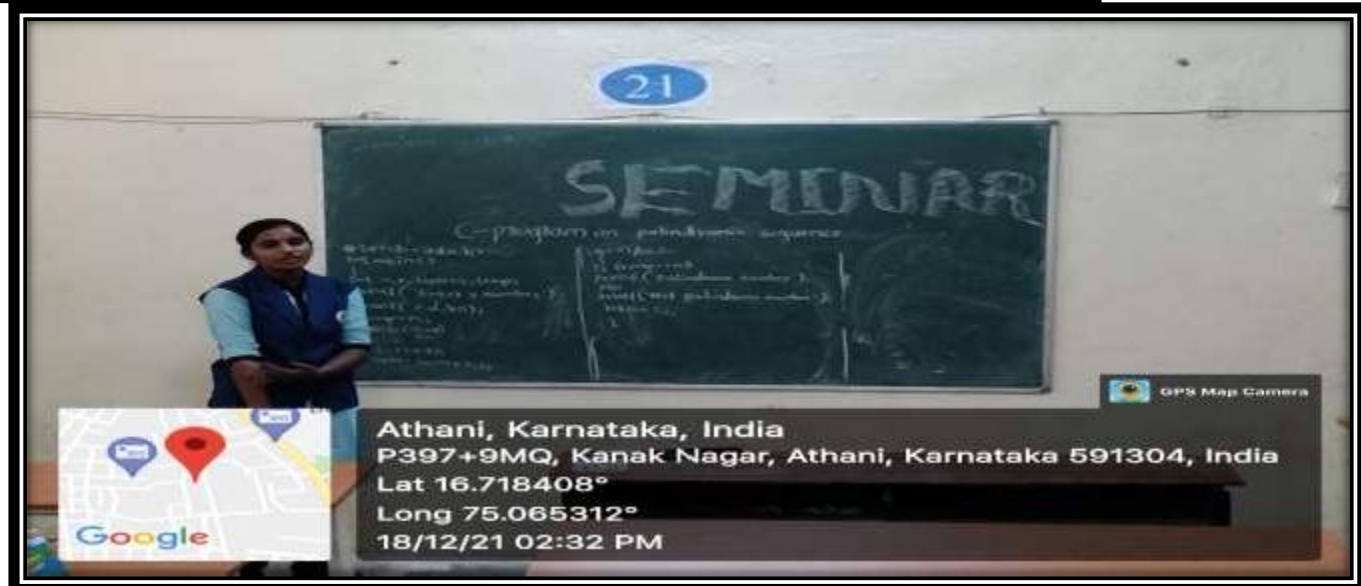
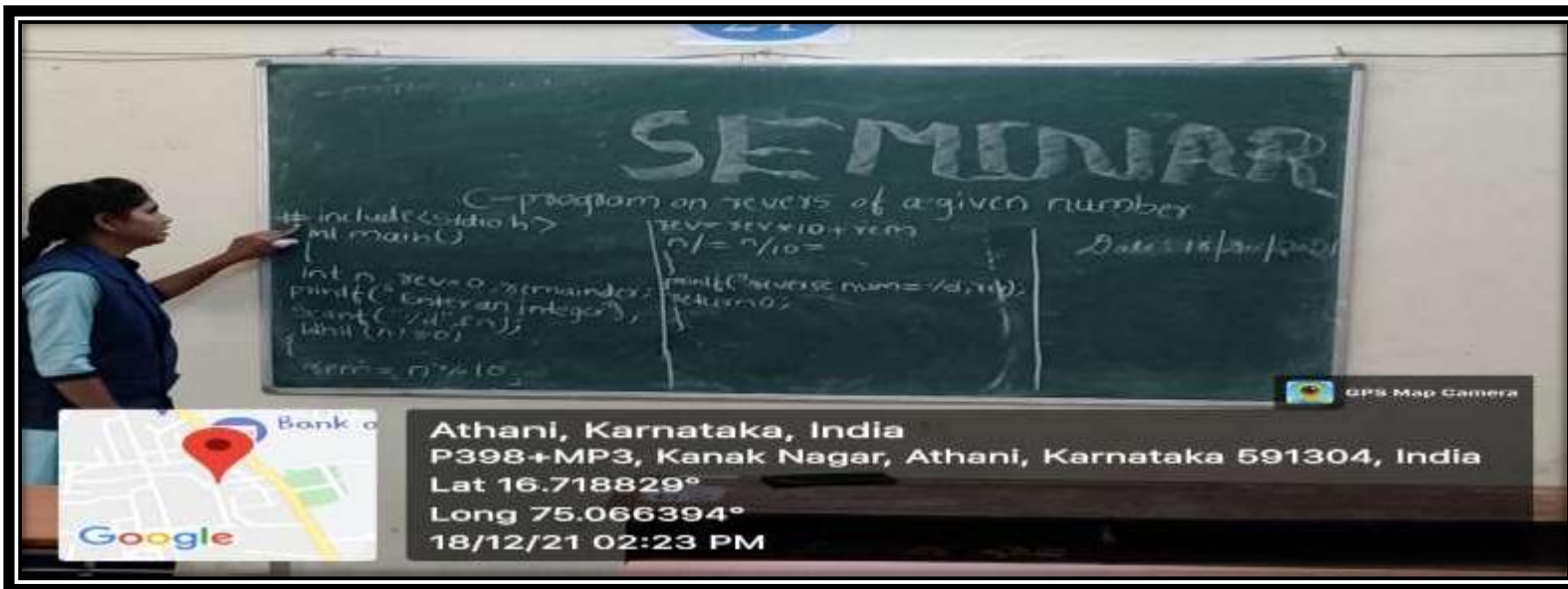
Field Visit



Workshop



In-House Seminars



THANK YOU

